

The Interpolar Distance as a Factor Influencing
Current Yield, by A.I. Romanyuk.

RUSSIAN, per, Tsvetnye Metally, No 7, 1956,
pp 55-58.

Primary Sources
CR-2876

Sci - Phys
Jul 61

159,460

Neutralizing the Deleterious Effect of Lead in
Copper and Brass, by 'V.M. Mil'tsev.

RUSSIAN, per, Tsvetnye Metally, No 7, 1956, pp 68-72.

Primary Sources
CR-877

Sci -- Min/Met
Jul 61

159, 162

Report of the 28-31 May 1956 4th Scientific-
Technical Conference of the Irkutsk Institute of
Rare Metals (Irgiredmet), 5 pp.

RUSSIAN, per, Tsvetnyye Metally, No 3, 1956, 2 pp.

CIA/FDD X-4811

Sci - Min/Met

Mar 62

135,270

DC-58

Production Processes in Enterprises of Nonferrous
Metallurgy Must Be Automated, 23 4 pp.

RUSSEAN, G. Terebnyye Metally, No 9, Moscow,
1956, pp 1-4.

US JPRS/TC-L-1152

USER

Sci - Minerals/Metals

Doc 58

77,424

Periodic Reduction in Particle Size of Aluminum
Hydroxide During the Process of Decomposition of
Aluminate Solutions.

RUSSIAN, per, Tsvetnye Metally, Vol XXIX, No 9,
1956, pp 62-67.

ATS RJ-1175

Sci - Min/Met
Apr 68

114,505

Lead Smelting in Electric Furnaces, by Ya. U. Malkin.

RUSSIAN, per Tsvetnye Metally, No 11, 1956,
pp 36-42.

Primary Sources
CR-2874

Sci - Min/Met
Jul 61

159,461

Means of Lowering the Cost of Refining Copper at
the Moscow Refinery and Electrolytic Plant Im.
Molotov, 6 pp. UNCLASSIFIED

RUSSIAN, per, Tsvetnye Metally, No 1, 1957, pp 2-6.
Encl to SIR-2821.

AID/Dec 57

USSR
Econ
Sci - Metals

61,059

Current Distribution in the Electrodes of an
Aluminum Cell, by M. A. Korobov, 9 pp.

RUSSIAN, per, Tsvetnye Metally, Vol. XXX, 1957,
pp 49-56.

CIA/FDD X-2743

Handwritten: K-167 - 5.00

Sci - Electricity
Apr 58

Handwritten: 61,945

Current Methods of Beryllium Technology, by G. F.
Silina, et al.

RUSSIAN, per, Tsvetnye Metal, Vol XXX, No 1, 1957,
pp 66-71.

ATS RJ-1309

Sci - Min/Met
Jul 59

92, 221

Extracting Iron From Zinc Concentrates, by L.B.
Debrivnaya.

RUSSIAN, per, Tsvetnye Metally, No 2, 1957, pp 5-8.

Primary Sources
CR-2873

Sci - Min/Met
Jul 61

ALL INFO

159, '63

Final Processing [of Zinc Concentrates] at the
Ust-Kamenogorsk Combine, by V. E. Lunov, V. I.
Chuprikov.

RUSSIAN, per, Tsvetnye Metally, Vol XXX, No 2,
1957, pp 32-36.

Henry Bratcher 4379
\$6.90

Sci - Eng

Apr 59

84,312

The Rate Characteristics of Presses for Non-Ferrous
Metals, by (Sagen-Torn. UNCLASSIFIED

RUSSIAN, part, Zhivetskiye Metally, No 2, 1957,
pp 61-67.

NIL 17.4092
British Iron and
Steel Ind 962
(13.5.0)

Sci - Man/Sci
Nov 58

76,277

Diffusion of Sulfur in Nickel, by
A.A. Presnyakov, et al.
RUSSIAN, per, Tsvetnye Metally, Vol. 30
no. 2, 1957, pp. 73-76
*CESTI TT 70-57011

Sci/phys
Feb 70

Some Sulfhydrylic Compounds of Palladium,
by K.A. Karasev.

RUSSEIAIF, per, Tsvetnye Metally, No 3, 1958.
pp 47-54.

Primary Sources
SMT-1298

Scl - Chem
Jul 61

157, 465

Experiments Made Possible by Flash Roasting of
Zinc Concentrates, by S. I. Alcos, R. L. Veller,

RUSSIAN, per, Tsvetnye Metally, Vol XX, No 4,
1977, pp 7-9.

Henry Brutscher 4380
\$3.95

Sci - Engr

Apr 59

84,299

Hydrolytic Precipitation of Copper in Leaching
Roasted Zinc Concentrates, by A. P. Smurnikov.
RUSSIAN, per, Tsvetnye Metally, Vol 30, No 4,
1957, pp 8-21
E2.

Sci. -
Jul 67

334,149

Study of the Behavior of Antimony During the
Electrolytic Refining of Copper Using a Method of
Radioactive Isotopes, by S. G. Filimonova,
15 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXX, No 4,
1957, pp 37-44.

SIA 60-23582

Sci

Apr 61

146,193

Belyaev, I. Ph. THE EFFECT OF NON-METALLIC ADDITIONS ON THE TENSILE STRENGTH OF PLATINUM AT HIGH TEMPERATURES. Jan 60. Order from MT MT Trans-54 Trans. of Tsvetnye Metally (USSR) 1957, v. 30, no. 6, p. 57-61. DESCRIPTORS: *Platinum, Tensile properties. MT-54 (Metallurgy - Nonferrous Metals, FI, v. 6, no. 6)	61-22845 I. Belyaev, I. Ph. II. MT Trans-54 III. Tollemache, M. de O. (Gr. Brit.) 177608 Office of Technical Services
---	--

A Critique of an Article by N. P. Zhetvin, V. K. Belosevich "The Rolling and Heat Treatment of Titanium", by V. F. Kalugin, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1957, pp 78-86.

CIA/FDD X-3035

Sci - Minerals/Metals
Aug 58

70,986

The Economic Expediency of Autoclave Processes in
the Nickel Plants of the Urals and the Kola Peninsula
by T. G. Begunova, 12 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 7, Moscow,
Jul 1957, pp 14-22.

US JPRS/DC-L-401

USSR

Econ - Nonferrous Metallurgy Nickel

Jun 58

64,655

Manufacture of Copper With Low Oxygen Content,
by D. G. Butomo, et al. UNCL

RUSSIAN, per, Tsvetnye Metally, Vol XXX, No 7,
1957, pp 70-75.

DSIR LRU RTB 1040

15a. Qd.

Sci - Chem

USSR

Econ

Aug 59

94,827

Kovyshin, V. G. and Apollonov, V. K.
 COMPLETE EXTRACTION OF MOLYBDENUM AND
 RHENIUM FROM MOTHER LIQUORS IN CALCIUM
 MOLYBDATE PRODUCTION (Doizvlecheniye Molybdena
 i Renuya iz Maternykh Rastvorov Proizvodstva
 Molybdata Kal'tsiya). [1961] 10p.
 Order from ATS \$14.85

ATS-71M44P

Trans. of Tsveinyye Metally (USSR) 1957, v. 30,
 no. 8, p. 67-73.

AT-8886

(Metallurgy, TT, v. 5, no. 10)

1. Molybdenum--Separation
2. Rhenium--Separation
3. Calcium molybdate--
Production
- I. Kovyshin, V. G.
- II. Apollonov, V. K.
- III. ATS-71M44P
- IV. Associated Technical Ser-
vices, Inc., East Orange,
N. J.

108829

Office of Technical Services

Flash Roasting of Nonferrous Sulfide to Sulfate
Ores, by G. Ya. Leizerovich, et al.

RUSSIAN, per, Tsvetnye Metally, Vol XIII, No 9,
1957, pp 19-25.

Henry Bratcher 4411
\$3.40

Sci- Engr

Jan 59

CSIRO

79,673

Form in Which Nonferrous Metals Are Lost
In Slags, by B. V. Lizon.

RUSSIAN, Engl., Technical Metall., Vol. XXX,
No 9, 1957, pp 31-36.

CSIRO

Scl - En/Met, Eng
Jul 62

204,914

Nonferrous Metallurgy on the ~~Wymax~~ Upsurge, by I. A.
Strigin, 13 pp. UNCLASSIFIED

RUSSIAN, no par, Tavetnyye Metally, No 10, Oct 1957,
pp 1-8.

US JPRS/DC-L-327

USSR
Econ - Nonferrous Metallurgy
May 58

64,219

The Mineral and Raw Material Base for the USSR Non-ferrous Metallurgical Industry on the Fortieth Anniversary of the Great October Socialist Revolution, by P. Ya. Antropov, 10 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957, pp 9-14.

US JPRS/DC-L-328

USSR

Econ - Nonferrous Metallurgy
May 58

64,218

Scientific Development in the Metallurgy of Heavy
Nonferrous Metals After Forty Years of the Soviet
Regime, by V. I. Smirnov, 16 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 15-23.

US JPRS/DC-L-329

USSR
Econ - Nonferrous Metallurgy
May 58

64,217

Domestic Technology in Concentrating Nonferrous
Metal Ores, by A. V. Troitskiy, 11 pp.

RUSSIAN, no par, Tsvetnyye Metally, No 10, Oct 1957,
pp 24-30.

US JPRS/DC-L-330

USSR
Econ - Nonferrous Metallurgy
May 58

64,216

A New Upsurge of Mass Inventions in the Technology
for Concentrating Useful Minerals, by V. A. Ivanov,
Yu. G. Melnik, Stepanov, 7 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 31-35.

US JPRS/DC-⁶L-331 /

USSR

Econ -

May 58

Nonferrous Metallurgy

64,715

Lead and Zinc Metallurgy in the USSR, BY N. P.
Ok'khov, 17 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 36-45.

US JPRS/DC-L-332

USSR
Econ - Nonferrous Metallurgy
May 58

54, 214

The Development of the Nickel and Cobalt
Industry, by A. A. Mironov, 8 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 46-50.

US JPRS/DC-L-333

USSR
Econ - Nonferrous Metallurgy
May 58

64,813

Forty Years of the Soviet Gold Industry, by I. F.
Baryshnikov, 13 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 51-58.

US JPRS/DC-L-334

USSR
Econ - Nonferrous Metallurgy
May 58

64, 312

Development of Secondary Nonferrous Metallurgy in the
USSR, BY N. A. Istrin, 7 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 59-62.

US JPRS/DC-L-335

USSR
Econ - Nonferrous Metallurgy
May 58

64,211

The Krasnoural'sk Plant, the Firstborn of the Copper
Smelting Industry up to the Fortieth Anniversary of
Great October, by I. I. Surovov, M. V. Gudima,
16 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 63-71.

US JPRS/DC-L-336

USSR
Econ - Nonferrous Metallurgy
May 58

64,210

The Economic Effectiveness of Advanced Methods for
Producing an Intermediate Metal Sulfide, Product,
[Feinstein], by V. P. Krasovskiy, 13 pp. UNCLASSIFIED

RUSSIAN, no par, Tsvetnyye Metally, Vol XXX, No 10,
Oct 1957, pp 72-79.

US JPRS/DC-L-337

USSR
Econ - Nonferrous Metallurgy
May 58

64,209

Extraction of Tellurium From Certain Products of Lead
Production, by Ya. Z. Malkin, V. Ya. Sergiyenko, N. V.
Bovtuta, I. G. Yudelevich, 17 pp. UNCLASSIFIED

RUSSIAN, no per, Tsvetnyye Metally, No 10, Oct 1957,
pp 80-87.

SLA 60-15241
US JPRS/DC-L-338

USSR

Econ - Nonferrous Metallurgy

May 58

64,208

Investigations of the Physical and Chemical
Properties of the Electrolyte of Industrial
Aluminum Electrolyzers, by N.I. Novikov.

RUSSIAN, par; Tsvetnye Metally, No 11, 1957,
pp 46-53.

Primary Sources
SMP-1127

Sci- Phys
Jul 61

159, 464

Ni-W, Ni-Ca and Ni-Sr Alloys for Oxide Cathodes
of Radio Tubes, by I.L. Rogel'berg.

RUSSIAN, per, Tsvetnye Metally, No 11, 1957, pp 67-74.

Primary Sources
SMT-1137

Sci - Chem
Jul 61

153, VCL

Sintering of Columbian Powder, by O/ P. Solchin,
N. P. Chuvaleva.

RUSSIAN, per, *Tsvetnye Metally*, Vol XIII, No 12,
1957, pp 65-70.

Henry Bratcher 4/15
\$8.75

Sci - Ingr

Jan 59

79,672

Flocculating Agents for Accelerated Enriching and
Filtration of Hydrometallurgical Pulps, by I. A.
Yakovlevich,

RUSSIAN, per, Zhvotnye Metally, Vol. XXV, No. 12,
1957, pp. 9-11.

ATB 02423R
RJ-1539

Sci
May 59

87, 255

Use of Flocculants for Settling Pulp in the
Production of Zinc, by A. D. Mayants, F. I.
Bavetskaya. UNCL

RUSSIAN, per, Izvestiya Mol, Vol XXXI, No 1,
1978, pp 44-47.

DSIR LIZ HXS 1405

(10s. 00.)

Sci - Min/Mat
Mar 60

111,073

Glazunov, L. A., Mitrefanov, S. I., and
Ratnikova, O. A.

THE OXYGENATED STATE OF PULP DURING SE-
LECTIVE FLOTATION OF LEAD-COPPER-ZINC-
PYRITIC ORE (Kislorodnyi Rezhim Pul'py v Protsesse
Selektivnoi Flotatsii Svintsova-Medno-Tselinkova-
Pirritnoi Rudy). Dec 61 [18]p. 4 refs. RTS 1905.
Order from OTS or SLA \$1.60

62-13752

Trans. of Tsvetnye Metally (USSR) 1958, v. 31, no. 2,
p. 1-6.

DESCRIPTORS: *Lead, *Copper, *Zinc, *Pyrites,
*Ores, *Flotation, Oxygen, Determination, Sodium
compounds, Sulfides, Oxidation, Reagents, Minerals,
Sulfate pulp.

Determination of a pulp oxygen content in the process-
ing at the Belousovskii beneficiation plant for direct
(Metallurgy, TT, v. 7, no. 8) (over)

62-13752

- I. Glazunov, L. A.
- II. Mitrefanov, S. I.
- III. Ratnikova, O. A.
- IV. RTS-1905
- V. Department of Scientific and
Industrial Research
(G. Brit.)

201384

Office of Technical Services

Roasting of Zinc Concentrates in a Fluid Bed
in Air Enriched With Oxygen, by B. I.
Shtuklov. UNCL

RUSSIAN, per, Tsvetnye Metali, No 2, 1958,
pp 28-35.

DSIR LLJ M.880
OTS 60-13686

(loan)

Sci - Chem
Dec 59

102,438

Classifying Zinc Ashes, by A. P. Smurnikov.
UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 2,
1958, pp 36-39.

DSIR LIA RTS 1407

(10s. 06.)

Bel - CIA/Int
Apr 60

113,045

10 898

GE-1

I. L. PERLIN, N. M. BOGORAD, V. A. FEDORCHENKO

Compression of beryllium, zirconium, uranium and thorium

Pressen von Beryllium, Zirkon, Uran und Thorium

Tsvetnye Metally, 31, No. 2, 68-76 (1958)

German

E u r a t o m

Development of Equipment for Removal of Excess
Heat From a Fluidized Bed in Roasting Granulated
Copper-Zinc Concentrates at a High Productivity,
by I. A. Burdakov, et al. UMCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 3,
1958, pp 30-38.

OTD 60-23005
DSIR LIU RTS 1408

(LL. Os. Od.)

Bcl - Hlt/Mnt
Apr 60

113,046

The Hydrometallurgical Treatment of High Silica
Zinc Concentrates, by A. D. Mayants, F. I. Barotit-
skaya.

RUSSIAE, per, Tsvetnyye Metally, Vol. XXXI, No 3,
1958, pp 46, 47.

DSIR LLU RTS 1594

Sci - Min/Met

Oct 60

128,854

How the Nature of Diaspore in the Bauxite Ores
Determines the Grade of Its Extraction by Leaching.
by V. A. Herrontain, E. A. Matsepok.

RUSSIAN, per, Tsvetnye Metally, No 3, Moscow, 1958,
pp 55-60.

Dept of Interior
TN7, E57, No 72

Sci. - Min/Met

Nov 59

100,438

Plastic Properties and Microstructure of
Technical Titanium Produced in ARC Furnaces,
by V. V. Zholobov, A. D. Landikhov, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 3,
1958, pp 66-69.

SLA 60-13600

Sci
OTS, Vol. IV, No 3
Oct 60

129,441

Conference on Problems of Complex Processing of
Raw Materials, 5 pp.

RUSSIAN, per, Tsvetnyye Metally, No 3, 1958,
pp 84-86.

US JPRS/DC-L-584

Sci - Engr
Sep 58

73,147

More Attention to Implementation of New Tech-
nique in the Aluminum Industry, by V. Khrushchev.
2 pp.

RUSSIAN, per, Tekhnicheskaya Eksploata, No 3, 1958,
pp 86, 87.

US JPRS/DC-L-556

USSR
Econ
Sci - Engr
Sep 58

73,148

Place for Autoclave Hydrometallurgy in the
Scheme for Copper-Nickel Ore Processing, by
I. N. Maslenskii.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 4,
1958, pp 1-5.

SLA 60-19875
DSIR LIJ M. 1591

Sci - Min/Metals

170, 764

Oct 61

Survey of the Present State of Zinc Electrolysis,
by G. N. Pakhomova,

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 4,
1958, pp 16-28.

DSIR LLU RTS 1574

Sci - Min/Met

Oct 60

130,713

Some Questions Relating to the Further
Development of Fluidized Bed Furnaces for
the Roasting of Zinc Concentrates, by G. H.
Gusev, Ya. M. Shvartsman. UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI,
No 4, 1958, pp 22-34.

075 60-23805
DSIR LRU RRS 1409

(15a. 04.)

Sol - Hln/Mst
Apr 60

113 047

An Electrothermic Method of Zinc Distillation
From Silver Crust, by I. I. Karskanaky, V. P.
Chekharenko. UNCL

RUSSIAN, per, Zhivaya Metally, No 4, 1958,
pp 34-43.

DSIR Landing Library Unit
M. 112

Ecl - Phys; Min/Met
Apr 59

85,110

The Carbide Method of Producing a Lead-Calcium
Hardener Alloy, by V. V. Rodyakin.

RUSSIAN, per. Tavetnyye Metally, Vol XXXI, No 4,
1958, pp 43-49.

DSIR LLU RTS 1520

Sci - Chem

Oct 60

128,720

Oreshko, N. A.
THE IMPROVEMENT IN THE TECHNIQUE, AND THE
INCREASE IN THE PRODUCTIVITY, OF SEMI-CON-
TINUOUS CASTING AT THE VOLKHOV ALUMINUM
PLANT [Sovershenstvovanie i Intenzifikatsiya Protseesa
Polusprieryvnogo Lit'ya na Volkhovskom Alyuminiyom
Zavode]. Jan 60.
Order from MT 41 1a

MT Trans-55

Trans. of Tsvetnye Metally (USSR) 1958, v. 31, no. 4,
p. 74.

DESCRIPTORS: *Castings, Production, *Industrial
production, USSR.

MT-55

(Machinery--Manufacturing. TT, v. 6, no. 5)

61-22846

- I. Oreshko, N. A.
- II. MT Trans-55
- III. Tollemache, M. de O.
(Ot. Brit.)

180559

Office of Technical Services

Long-Range Plan for Development of Nonferrous
Metallurgy 1959-1965, 9 pp.

RUSSIAN, per. Tsvetnyye Metally, No 5, 1968.
pp 1-7.

US JPRS/DC-L-595

USSR
Econ
Sep 58

73,174

New Ways in the Fabrication of Sheetmetal From
Aluminum and its Alloys, by A. I. Kolpashnikov,
Dzys-Min-Gum, V. D. Korolev, 12 pp.

RUSSIAN, per, Tsvetnyye Metally, No 5, 1958,
pp. 62-70.

{ Sci - Minerals/Metals
Feb 59

5.00

MT-19

~~000-10-99-22186~~

Primary Sources
" Bleckew ST
N.Y. ...

81,612

(NY-3001/2).

Over-all Automation of a Bauxite Wet Grinding
Department, by V. I. Gusev, A. M. Samoylin,
6 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1958,
pp 26-30.

JPRS-1977-N

USSR
Econ - Tech - nonferrous metals
Dec 59

104,421

Automation of Technical Processes in Titanium-
Magnesium Production, 1 p. UNGL

RUSSIAN, per, Tsvetnyye Metally, No 6, 1958,
pp 38-41.

JPRS/DC-L-1165

Sol - Min/Met
Sep 59

96,069

Utilisation of a New Slag-Fuming Plant at
Ust'-Kamenogorsk Lead Zinc Combines, by
P. A. Denchenko, et al. UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI,
No 6, 1976, pp 74-82.

DSIR LUU M.1311

(loan)

USSR
Econ
May 60

116,588

DC-58

On the Question of the Electro-Smelting in Lead-Zinc Metallurgy, by P. V. Sergeyev, 4 pp.

RUSSIAN, per, Tsvet Metally, No 6, 1958, pp 80-85.

US JPRS/DC-L-1170

Sci - Minerals, Metals
Dec 58

60,442

DC-58

A New Method for the Treatment of Poor Complex
Tin Raw Material, by M. H. Sevrynkov, 9 pp.

RUSSIAN, per, Tsvet Metally, No 6, 1958,
pp 86-93.

US JPRS/DC-L-1169

Sci- Minerals, Metals
Dec 58

60,576

Data on the USSR Nickel Industry. Twenty-Five Years
of the Soviet Nickel Industry, by I. A. Sarigin,
6 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7,
Moscow, Jul 1958, pp 36-41

US JPRS/NY-L-338

USSR
Econ - Nonferrous Metallurgy
Sep 58

73, 855

Data on the USSR Nickel Industry. The Nickel-Cobalt Industry in 1959-1965, by I. G. Tarubarov, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7, Moscow, Jul 1958, pp 7-11.

US JPRS/NY-L-338

USSR
Econ - Nonferrous Metallurgy
Sep 58

73,956

Vanyukov, A. V.
NEW PROCESSES FOR METALLURGICAL TREAT-
MENT OF OXIDIZED ORES IN THE USSR. [1960]
[6p]

Order from LC or SLA mi\$1.80, ph\$1.80 61-10732

Trans. of Tsvetnyye Metally (USSR) 1958 [v. 31] no. 7,
p. 30-34.

151838

(Metallurgy, TT. v. 5, no. 9)

61-10732

1. Nickel ores--Metallurgy
2. Nickel ores--USSR
3. Nickel ores--Oxidation
1. Vanyukov, A. V.

Office of Technical Services

Lisovskiy, D. I.
SULPHIDIZATION PROCESSING FOR METALS
DURING THE PRINCIPAL STAGES OF TREATING
OXIDIZED NICKEL ORES. [1960] [10] p. 29 refs.
Order from LC or SLA m\$1.80, ph\$1.80 61-10734

Trans. of Tsvetnyye Metally (USSR) 1958 [v. 31] no. 7,
p. 44-50.

151839

Library Services
LHT CC 821

(Metallurgy, TT, v. 5, no. 9)

61-10734

1. Nickel ores--Metallurgy
2. Metals--Processing
1. Lisovskiy, D. I.

Office of Technical Services

Production of Nickel Strips of High Purity,
by K. P. Kalinin, M. P. Lyamina, M. Z.
Spiridonova. USSR.

RUSSIAN, per, Tsvetnyy Metal, No 7, 1958,
pp 56-61.

DSIR LII H.652

(loan)

102,437

Sci - Min/Met
Dec 59

Behavior of Germanium in the Pyrometallurgical
Treatment of Copper Ores and Concentrates,
by A.I. Okunev.

RUSSIAN, per, Tsvetnye Metally, No 7, 1958, pp78-84.

Primary Sources

CR-876

Sci - Min/Met
Jul 61

159 467

Data on the USSR Nickel Industry. Organizational
Meeting of Commission for Nickel Oxide Ores, by
Ya. Sh., 3 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 7,
Moscow, Jul 1958, pp 90, 91.

US JPRS/RY-L-338

USSR

Econ - Nonferrous Metallurgy

Sep 58

73, 957

58-D

A New Method of Decoppering Crude Lead, by
S. S. Novoselov, M. V. Yakushin, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, Moscow,
Aug 1958, pp 15-20.

US JPRS Tr L-1301-D

Sci - Minerals, Metals
Jun 59

71,325

DC-50

Losses of Metal With Slags of Shaft Lead Smelting
by V. V. Podvarkin, 4 pp.

RESIDUAL, per, Tsvetnyye Metally, No 8, Moscow,
Aug 1958, pp 21-22.

US JFAS/DC-L-1255

Sci - Minerals, Metals
Dec 58

78,353

DC-58

Extraction of Tellurium and Indium From Antimonious Slag, by Ya. Z. Malkin, 3 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1958,
pp 34-39.

IS JPRS/DC-L-1254

Sci - Minerals, Metals
Dec 58

77,585

10 876

GE-1

P. P. TSVB

Utilization of amalgam electrolysis in the metallurgy of
non-ferrous and rare metals

Anwendung der Amalgamelektrolyse in der Metallurgie
der Nichteisen-Metalle und der seltenen Metalle

Tsvetnye Metally, 31, No. 8, 40-45 (1958)

German

E u r a t o m

Approximate Analysis of the Results of the Interaction of Currents With the Magnetic Field in Aluminum Electrolyzers, by B. I. Rubin,

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, No 8, 1958, pp 53-56.

PS CR-2824

OTS
Vol 5 No 6

Installation for the Drawing Into Wire and the
Rolling in Freely Revolving Rolls of Metals in
Fluid Subjected to High Hydrostatic Pressure,
by B. I. Borisenov. UNCL

RUSSIAN, per, Tsvetnye Metally, No 8, 1958,
pp 61-63.

HC 4488

DSIR LRU R7B 1090

7a. 6a.

Scl - MAn/dest
Jun 59

88,478

58-D

Results of Carrying Out the Periodical
Process of Leaching at UST'-Kamnogorsk Lead-
Zinc Combino, by B. M. Ponin, 4 pp.

RUSSIAN, Travetnyye Metally, No 8,
Moscow, Aug 1958, pp 72, 73.

US JPRS Tr L-1300-D

Sci - Minerals, Metals
Jan 59

78.324

DC-58

Conference on the Problem of Economizing Copper
and Lead in the National Economy of the USSR,
by M. A. Istrin, 6 pp.

RUSSIAN, per, Tsvet Metally, No 8, 1958,
pp 83-85.

US JPRS/DC-L-1180

Sci - Minerals, Metals
Dec 58

60,155

Recovery of Nickel From Converter Gasses, by
L. L. Chernak. UKOL

RUSSIAN, per, Zhvotnyy Metal, No 9, 1958,
pp 37-39.

DSIR LIA M.653

(loan)

Scl - Min/Met
Dec 59

102,444

Considerations of Stability in the Floating
Plug Process for Tubes, by I. L. Perlin. UNCL

RUSSIAN, par, Tsvetnye Metally, No 9, 1958,
pp 58-61.

ALL 11.4569
British Iron and
Steel Ind 1328

Sci - Eng
May 59

89,013

Graphite Casting Molds, by M.N. Sosnenko.

AR RUSSIAN, per, Tsvetnye Metally, No 10, 1958,
pp 6-7.

Primary Sources
CR-2694

Sci - Min/Met
Jul 61

157,468

R-900

(DC-2534).

Material and Thermal Balances of a Rever-
beratory Furnace of the Krasnoural'sk Copper-
Smelting Combine, by I. I. Surovov, A. Ya.
Mikhaylenko, A. A. Tseydler, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, ^{Vol. XXV,} No 10, 1958,
pp 29-32. ^{Moscow,}

US JPRS-L-1703-D

Sci - Eng
Jun 59

89,188

Automatic Control of Current Supply for Aluminum
and Zinc Industrial Electrolytic Cells, by B. V.
Rabinovich, Yu. R. Sevumyan.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, 1958,
pp 30-33.

DSIR LLJ RTS 1575

Sci - Min/Met

Oct 60

128,847

R-900

(LC-2534).

The Leaching of Zinc From Fuming Sublimates,
by V. V. Kostalov, V. S. Morachevskaya, 9 pp.

RUSSIAN, per, Tsvetnyye Metally, No 10, 1958,
pp 35-43. *U/L XXXI, Moscow*

US JPRS-L-1704-D

Sci - Min/met
Jun 59

89,187

Production of Ammonium Perrhenate and Other Salts
of Rhenic Acid from Potassium Perrhenate, by
V.G. Kovyshin.

RUSSIAN, per, Tsvetnye Metally, No 10, 1958,
pp 43-45.

Primary Sources
CR-2498

Sci. - Chem
Jul 61

152 470

The Role of Electrolyte Composition in Intensifying
the Working of Aluminum Baths, by A.I. Belyayev.

RUSSIAN, per, Tsvetn/ye Metally, No 10, 1958,
pp 61-66.

Primary Sources
CR-2822

Sci - Min/Met
Jul 61

159, 469

Gas Ducts (Uptakes) With Water-Cooling
Jackets in Furnaces for the Fluidized
Bed Roasting of Zinc Concentrates, by
Ya. H. Shvartsman. UNCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXI,
No 10, 1958, pp 78-80.

SLA 60-17473
DSIR LIU RES 1410

(7a. 6a.)

Sci - Min/Met

Apr 60

113,048

Application of Cold Welding in the Manufacture
of Cathodes for the Electrolysis of Zinc Sulphate
Solutions, by G. M. Rakoch, et al.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXI, 1958,
pp 85-87.

DSIR LLU RTS 1576

Sci - Eng

128,849

Oct 60

8-600

(10-2524).

Results of Lowering Reagent Consumption
at the Kirovgrad Concentrating Factory, by
S. I. Popov, L. D. Kulikov, 12 pp.

Vol XXXI,

RUSSIAN, per, Sovetskoye Metallo, No 11, 1958.
pp 1-3 *7/16/58*

US JPRS-1-1702-1

USER

Econ

Jan 59

89,190

A Study of the Behavior and Recovery of Rhenium
When Roasting Molybenite Concentrates in a
Furnace, by A. N. Zelikman, et al. USSR.

RUSSIAN, per, Tsvetnye Met, No 11, 1958,
pp 47-52.

SLA 60-13575
DSIR LHM (loan) M.494

Sci - Min/Met
Sep 59

95, 866

B-500

(10-10-58)

The Intensification of Working Aluminum
Electrolysis Units, by I. P. Gupalo, A. A.
Kostyukov, 18 pp.

Vol. XXV

RUSSIAN, per, Trudnyye Metally, No. 11, 1958,
pp. 52-60.

Moscow

OR 3075-1-1702-0

Bel. - 11/11/58
TUM 59

89, 199

Simulating the Electric Field of an Aluminum
Electrolyzer Anode, by M.A. Karobov.

RUSSIAN, per, Tsvetnye Metally, No 11, 1958,
pp 60-66.

Primary Sources
CR-2746

Sci - Electricity
Jul 61

159,471

14 663

Fr-2

OZILEV I. Y.

Electrolysis of cadmium in cells provided with rotating cathodes

Electrolyse du cadmium dans des cellules munies de cathodes
tournantes

Tsvetnye Met., 31, No. 12 (1958)

F/R-710 - French

E u r a t o m

(DC-2683).

Experimental Concentration of Low-Grade
Titanium-Zirconium Placer Deposits of the Eastern
Ukraine, by D. I. Nedogovorov, Yu. G. Melik-
Stepanov, L. I. Bandenok, 2 pp.

RUSSIAN, per, Tsvetnyye Metally, No 12, 1953.
pp 18-19.

JPRS-L-1762-D

USSR

Jul 59

(DC-2683).

Characteristics of Lead Smelting in Electric
Furnaces, by A. P. Sychev, G. P. Platonov, 4 pp.

RUSSIAN, per, Izvestiya Metallurgii, No 12, 1958,
Moscow, pp 28-30.

JPRS-L-1762-D

USSR
ECON
Sci - E
Jul 59

92, 878

13 666

GE-1

OSTROUSHKO Yu. I.

Enamel electrolysis to obtain tantalum

Schmelzflusselektrolyse zur Gewinnung von Tantal

Tsvetnye Met., 31, No. 12, 38-44 (1958)

German

E u r a t o m

Annotation:

*Index for documentation
under the heading
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